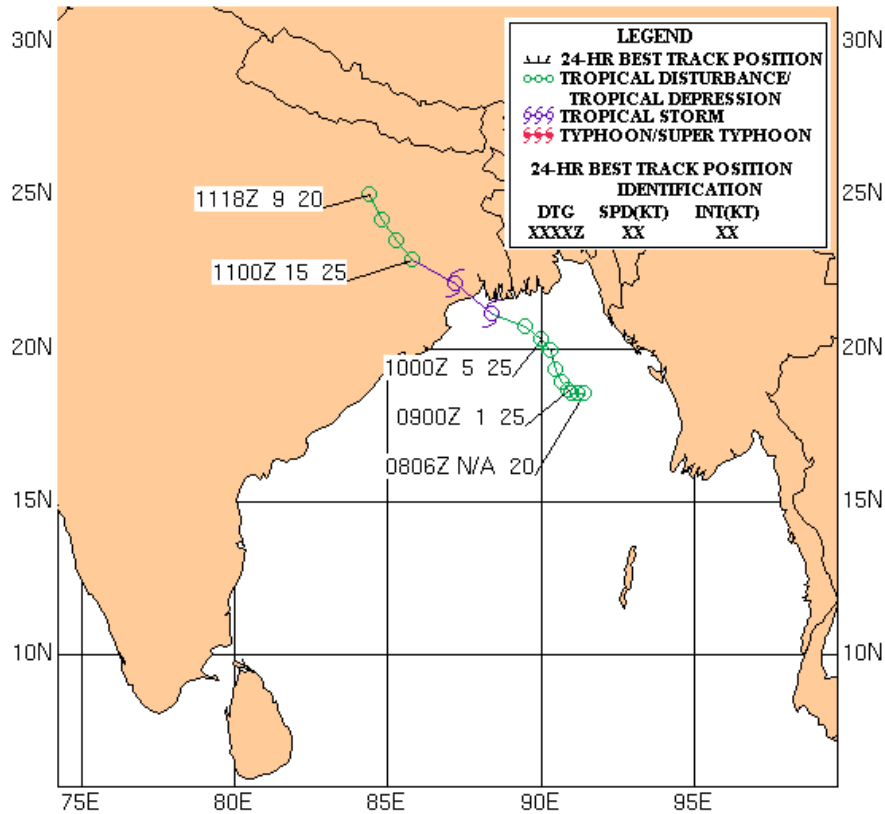


Tropical Cyclone 03B

Tropical Cyclone (TC) 03B became the second 1999 Bay of Bengal tropical cyclone warned on by JTWC. TC 03B developed from a broad circulation over the northern Bay of Bengal, then tracked northwestward and peaked as a minimum tropical cyclone at 35 kt before dissipating over eastern India.

The area of convection that became Tropical Cyclone (TC) 03B formed approximately 235 nm south of Chittagong, Bangladesh. JTWC issued a Tropical Cyclone Formation Alert at 100830Z June, then issued the first warning on TC 03B at 101500Z June with a maximum intensity of 35 kt. The cyclone maintained its 35 kt intensity as it went ashore west of Calcutta, India. TC 03B then dissipated over land, due to frictional effects and vertical wind shear. JTWC issued the second and final warning at 110300Z June.

The primary significance of this system was it initially was associated with a mid-level circulation over land, which migrated over the Bay of Bengal, developed enough convection and intensity to become a 35 kt tropical cyclone and subsequently moved back over land.



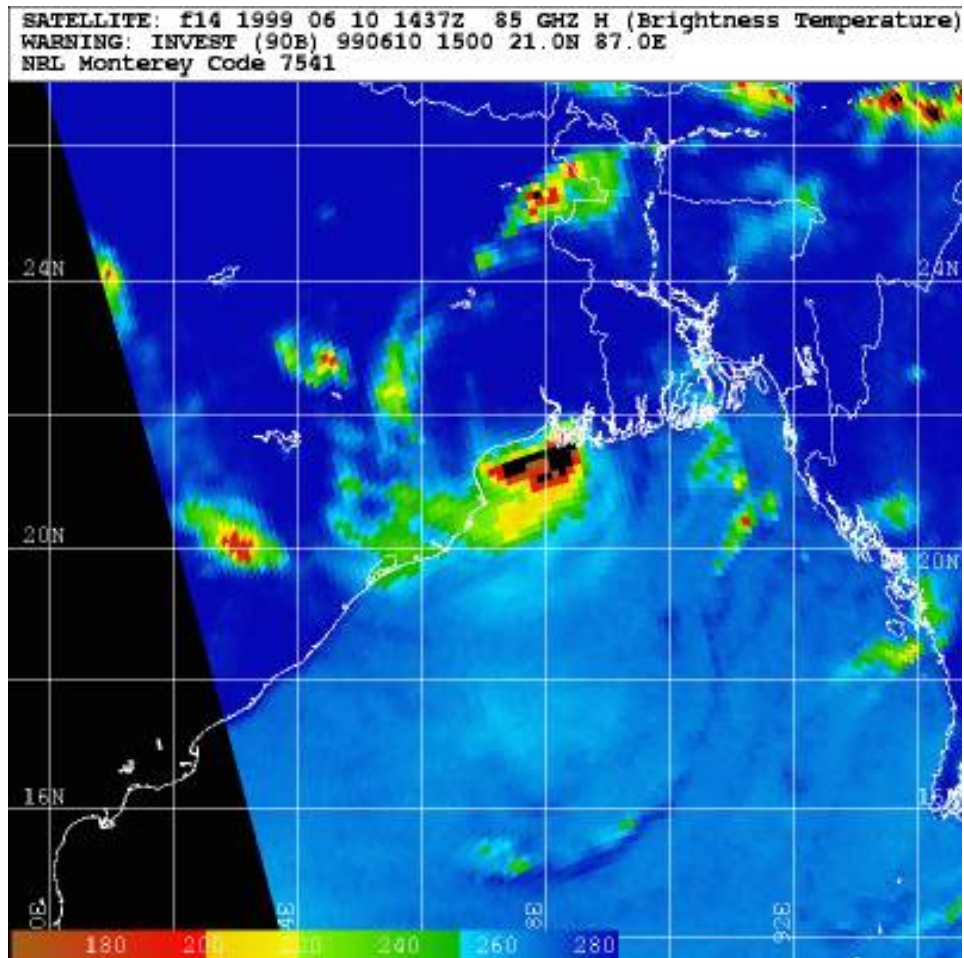
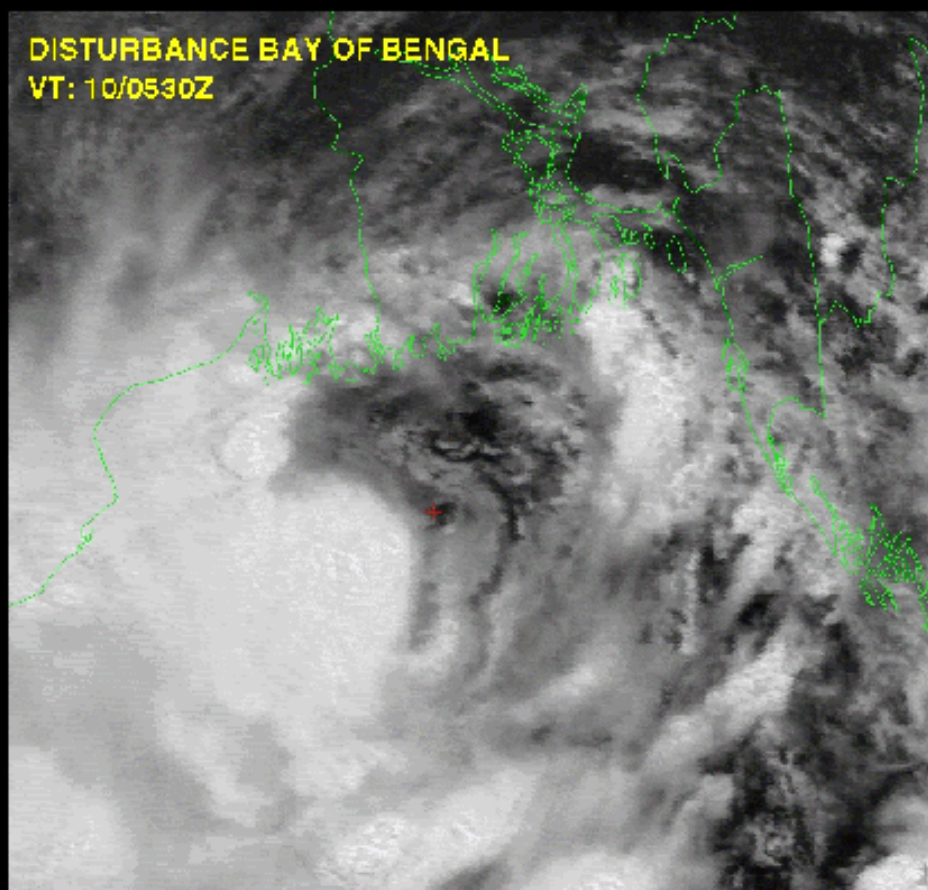


Figure 1-03B-1. 101437Z SSM/I pass over TC 03B as it makes landfall 90 nm southwest of Calcutta. Of note in this image is the strong convection to the south over the water. Interaction with land has served to weaken the system, over land, yet the low-level circulation continues to produce convection over the water.

DISTURBANCE BAY OF BENGAL
VT: 10/0530Z



BAY OF BENGAL
VT: 10/1100Z

